

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E70821

**Participation :** CTR

**Employer :** Multicare Health System

**Status :** Affected

**Worksite :** Tacoma General/Mary Bridge Hospital

**Survey Type :** Online

**Street :** 315 Martin Luther King Jr Way

**Response Rate :** 57%

**Jurisdiction :** City of Tacoma

**Survey Date :** 11/26/2018

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 16.8%

**Drive Alone Rate :** 83.2%

**One-Way VMT per employee :** 13.4

**Average One-Way distance home to work :** 15.4

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 4,335

**Surveys Distributed :** 3,276

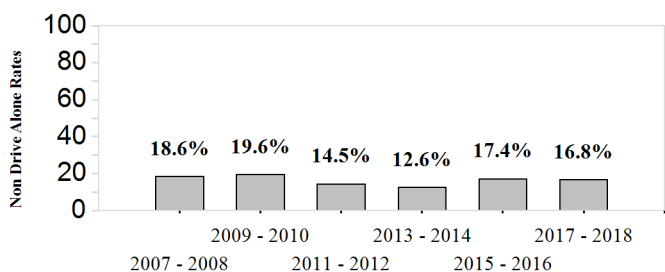
**Surveys Returned :** 1,861

**Surveys Returned by CTR Affected\* Employees :** 1,198

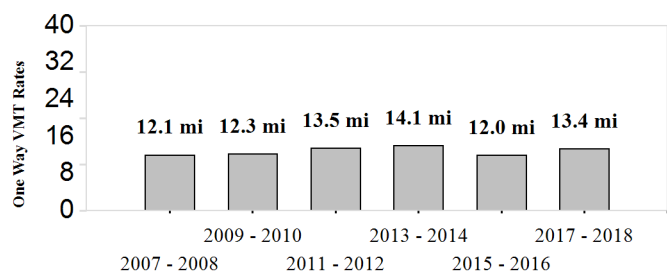
**Total Estimated CTR Affected Employees at Worksite :** 2,109

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

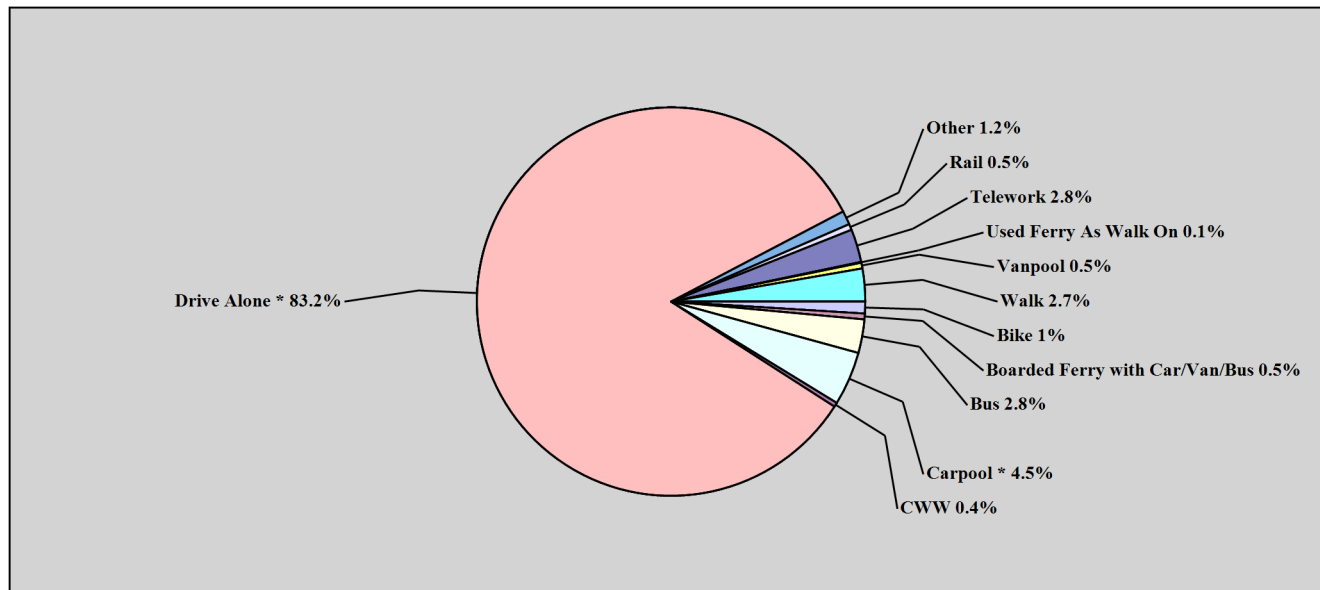
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	18.6%	18.4%	4588	8470	17.2	12.1	12.0
2009 - 2010	19.6%	23.4%	6254	9294	18.9	12.3	11.5
2011 - 2012	14.5%	14.8%	6309	16804	34.2	13.5	13.0
2013 - 2014	12.6%	13.7%	4692	8753	17.8	14.1	13.2
2015 - 2016	17.4%	18.5%	636	6700	13.6	12.0	11.3
2017 - 2018	16.8%	17.5%	4510	10506	21.4	13.4	13.5
Target	24.6%				Target:	9.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-1.8				% Change from Baseline:	10.7%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



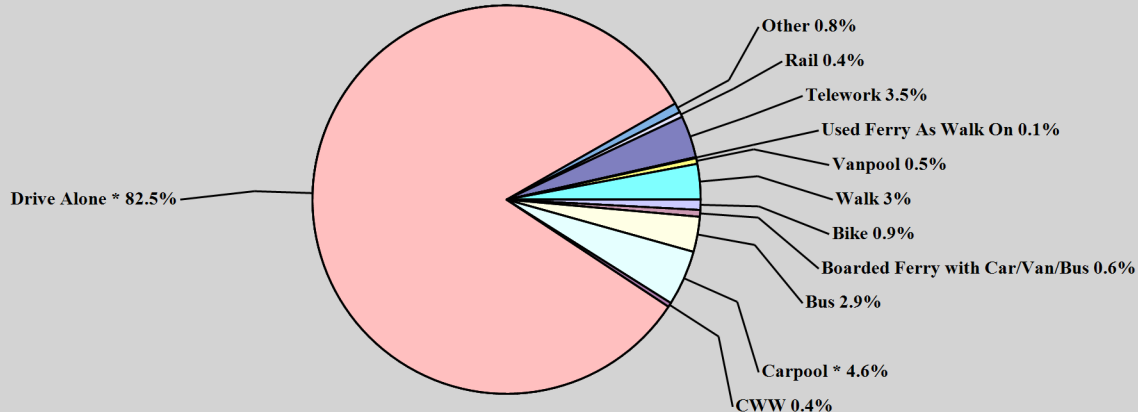
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	7,052	83.2%	82.6%	1,654	88.9%	88.7%
Carpool *	379	4.5%	6.6%	128	6.9%	9.9%
Vanpool	40	0.5%	0.5%	11	0.6%	0.7%
Bus	237	2.8%	4.5%	76	4.1%	5.3%
Rail	42	0.5%	0.0%	19	1.0%	0.0%
Bike	83	1.0%	0.6%	27	1.5%	1.1%
Walk	232	2.7%	2.2%	66	3.5%	2.1%
Telework	233	2.8%	1.4%	103	5.5%	3.2%
CWW	30	0.4%	0.6%	21	1.1%	2.1%
Boarded Ferry with Car/Van/Bus	41	0.5%	0.0%	14	0.8%	0.0%
Used Ferry As Walk On	6	0.1%	0.0%	2	0.1%	0.0%
Other	98	1.2%	1.1%	32	1.7%	1.4%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	4,833	82.5%	81.5%	1,062	88.6%	88.5%
Carpool *	270	4.6%	7.4%	88	7.3%	11.5%
Vanpool	28	0.5%	0.6%	7	0.6%	0.5%
Bus	171	2.9%	5.0%	50	4.2%	6.0%
Rail	25	0.4%	0.0%	10	0.8%	0.0%
Bike	50	0.9%	0.7%	17	1.4%	1.1%
Walk	173	3.0%	1.7%	46	3.8%	2.2%
Telework	205	3.5%	1.9%	93	7.8%	4.9%
CWW	21	0.4%	0.7%	18	1.5%	2.7%
Boarded Ferry with Car/Van/Bus	33	0.6%	0.0%	11	0.9%	0.0%
Used Ferry As Walk On	5	0.1%	0.0%	1	0.1%	0.0%
Other	47	0.8%	0.6%	18	1.5%	1.1%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	1,432	77%	1,861	100%
<b>1 Days</b>	100	5%	429	23%
<b>2 Days</b>	75	4%	329	18%
<b>3 Days</b>	57	3%	254	14%
<b>4 Days</b>	48	3%	197	11%
<b>5 Days</b>	114	6%	149	8%
<b>6 or More Days</b>	35	2%	35	2%

**Count by Occupancy of Carpools and Vanpools**

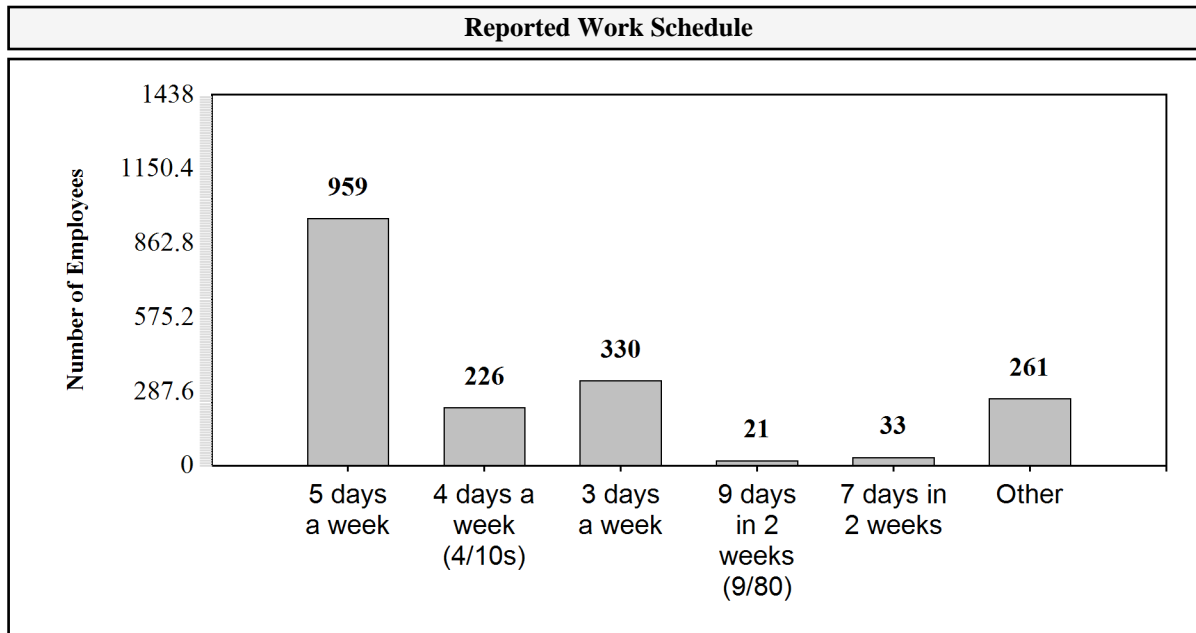
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	362
<b>3</b>	Carpool	16
<b>4</b>	Carpool	0
<b>5</b>	Carpool	1
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	24
<b>5</b>	Vanpool	12
<b>6</b>	Vanpool	4
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

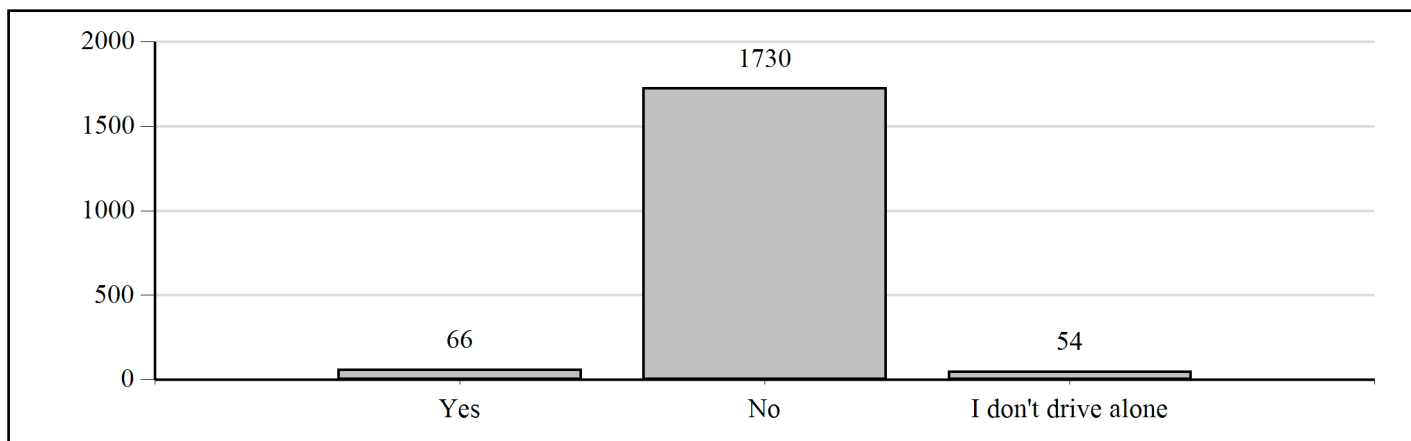
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	959	52.4%
4 days a week (4/10s)	226	12.4%
3 days a week	330	18%
9 days in 2 weeks (9/80)	21	1.1%
7 days in 2 weeks	33	1.8%
Other	261	14.3%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	11	0.6%
I don't telework	1463	78.6%
Occasionally, on an as-needed basis	213	11.4%
1-2 days/month	61	3.3%
1 day/week	48	2.6%
2 days/week	19	1.0%
3 days/week	46	2.5%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	401	14.1%
Other	369	13.0%
Cost of parking or lack of parking	353	12.5%
Free or subsidized bus, train, vanpool pass or fare benefit	325	11.5%
Personal health or well-being	275	9.7%
Environmental and community benefits	260	9.2%
I have the option of teleworking	215	7.6%
Financial incentives for carpooling, bicycling or walking.	174	6.1%
Driving myself is not an option	139	4.9%
To save time using the HOV lane	135	4.8%
Emergency ride home is provided	96	3.4%
Preferred/reserved carpool/vanpool parking is provided	69	2.4%
I receive a financial incentive for giving up my parking space	23	0.8%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	1144	26.1%
Riding the bus or train is inconvenient or takes too long	1058	24.1%
Family care or similar obligations	667	15.2%
Other	411	9.4%
My commute distance is too short	343	7.8%
My job requires me to use my car for work	324	7.4%
Bicycling or walking isn't safe	272	6.2%
I need more information on alternative modes	142	3.2%
There isn't any secure or covered bicycle parking	28	0.6%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98406	99	5.32%	329	20	0	1	32	1	16	21	18	1	0	0	0
98407	95	5.10%	388	17	0	0	7	4	23	1	4	0	2	0	0
98466	95	5.10%	368	25	0	4	14	0	4	3	13	1	0	0	16
98405	86	4.62%	226	29	5	0	26	2	5	62	5	3	0	0	7
98335	61	3.28%	231	26	0	0	0	0	0	0	5	1	0	0	0
98375	57	3.06%	217	6	4	0	0	4	0	0	3	0	0	0	5
98403	53	2.85%	121	7	0	0	2	0	14	105	0	0	0	0	0
98387	52	2.79%	224	19	0	0	2	5	0	0	6	0	0	0	1
98445	51	2.74%	191	4	0	3	11	0	0	5	5	1	0	0	5
98391	49	2.63%	219	2	0	0	0	0	3	0	4	0	0	0	3
98374	47	2.53%	196	19	2	0	0	0	0	0	8	0	0	0	0
98444	47	2.53%	168	17	0	0	25	0	0	0	5	0	3	0	2
98409	46	2.47%	182	13	0	0	24	8	0	0	5	0	0	0	0
98404	44	2.36%	165	1	0	0	19	0	4	0	5	0	2	0	7
98332	42	2.26%	141	14	3	0	0	0	10	0	6	8	0	0	1
98373	39	2.10%	160	2	0	0	0	0	0	0	5	3	0	0	2
98338	36	1.93%	150	0	0	6	2	0	0	0	1	0	0	0	0
98498	35	1.88%	141	13	0	0	0	2	1	2	1	0	0	0	0
98499	35	1.88%	145	10	0	0	2	0	0	0	4	0	0	0	0
98408	34	1.83%	136	8	0	0	10	0	0	2	5	1	0	0	3
98422	33	1.77%	130	1	0	0	0	1	0	0	0	0	0	0	0
98371	30	1.61%	129	2	0	0	0	0	0	0	5	3	0	0	0
98465	29	1.56%	114	10	0	0	13	0	0	0	1	0	0	0	2
98467	29	1.56%	111	5	0	0	2	1	0	0	6	0	0	0	0
98372	25	1.34%	109	2	0	0	0	0	0	0	4	0	0	0	1
98418	25	1.34%	92	3	0	0	5	0	1	0	5	0	3	0	7



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98092	24	1.29%	99	2	0	0	0	0	0	0	3	0	0	0	0
98023	23	1.24%	89	0	0	0	0	0	0	0	2	0	1	0	5
98003	22	1.18%	101	2	0	0	1	0	0	0	1	0	0	0	0
98402	21	1.13%	49	6	0	0	5	8	1	28	0	0	0	0	0
98367	18	0.97%	79	0	0	0	0	0	0	0	0	0	0	0	0
98329	17	0.91%	70	3	5	0	0	0	0	0	1	0	0	0	0
98366	17	0.91%	49	10	6	0	0	0	0	0	2	0	0	0	0
98446	16	0.86%	57	4	0	0	3	1	0	0	0	0	0	0	9
98001	15	0.81%	70	2	0	0	10	0	0	0	0	0	0	0	0
98038	15	0.81%	59	3	0	0	0	0	0	0	2	0	0	0	0
98424	14	0.75%	62	0	0	0	1	0	0	0	0	0	0	0	0
98580	13	0.70%	39	0	0	0	8	0	0	0	1	1	0	0	5
98042	12	0.64%	54	0	0	0	0	0	0	0	2	0	0	0	0
98359	12	0.64%	40	5	0	0	0	0	0	0	2	0	0	0	0
98321	11	0.59%	46	0	0	0	0	0	0	0	2	0	0	0	0
98327	11	0.59%	35	8	0	0	0	0	0	0	0	0	0	0	0
98328	11	0.59%	39	5	0	0	0	0	0	0	2	0	0	0	0
98501	11	0.59%	50	2	0	0	0	0	0	0	1	0	0	0	0
98516	11	0.59%	37	0	5	0	0	0	0	0	1	0	0	0	0
98032	10	0.54%	48	0	0	0	0	0	0	0	0	0	0	0	0
98354	10	0.54%	37	2	0	0	1	0	0	0	3	0	0	0	0
98388	10	0.54%	42	0	0	0	0	0	0	0	1	0	0	0	0
98002	9	0.48%	31	4	0	0	5	0	0	0	0	0	0	0	0
98597	9	0.48%	41	0	0	0	0	0	0	0	1	0	0	0	0
98198	8	0.43%	34	9	0	0	0	0	0	0	0	2	0	0	0
98333	8	0.43%	25	0	0	0	0	0	0	0	0	0	0	0	0
98360	8	0.43%	35	0	0	0	0	0	0	0	5	0	0	0	0
98503	8	0.43%	31	8	0	0	0	0	0	0	0	0	0	0	0
98059	7	0.38%	30	1	0	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98311	7	0.38%	21	2	4	0	0	0	0	0	1	0	0	0	1
98383	7	0.38%	24	1	0	0	5	0	0	0	1	0	0	0	5
98443	7	0.38%	30	0	0	0	0	0	0	0	5	0	0	0	0
98513	7	0.38%	27	0	0	0	0	1	0	0	0	0	0	0	0
98118	6	0.32%	28	1	0	0	0	1	0	0	0	0	0	0	0
98390	6	0.32%	31	0	0	0	0	0	0	0	1	0	0	0	0
98512	6	0.32%	16	0	0	0	0	0	0	0	5	0	0	0	0
98022	5	0.27%	24	0	0	0	0	0	0	0	0	1	0	0	0
98070	5	0.27%	0	0	0	1	1	0	1	0	0	1	13	5	0
98116	5	0.27%	24	0	0	0	0	0	0	0	0	0	0	0	0
98310	5	0.27%	19	6	0	0	0	0	0	0	0	0	0	0	0
98506	5	0.27%	19	0	0	0	0	0	0	0	0	0	0	0	1
98030	4	0.21%	24	0	0	0	0	0	0	0	0	0	0	0	0
98031	4	0.21%	15	0	0	0	0	0	0	0	2	0	0	0	0
98056	4	0.21%	20	0	0	0	0	0	0	0	1	0	0	0	0
98349	4	0.21%	10	0	0	5	0	0	0	0	4	0	0	0	0
98394	4	0.21%	18	0	0	0	0	0	0	0	0	0	0	0	0
98579	4	0.21%	12	0	0	0	0	0	0	0	3	0	0	0	0
98006	3	0.16%	14	0	0	0	0	0	0	0	0	0	0	0	0
98102	3	0.16%	8	0	0	0	0	0	0	0	0	0	0	0	3
98103	3	0.16%	16	0	0	0	0	0	0	0	0	0	0	0	0
98108	3	0.16%	16	0	0	0	0	0	0	0	1	0	0	0	0
98146	3	0.16%	13	0	0	0	0	0	0	0	0	0	0	0	0
98439	3	0.16%	13	0	0	0	0	0	0	0	0	0	0	0	0
98502	3	0.16%	11	0	1	0	0	0	0	0	1	0	0	0	0
98528	3	0.16%	19	0	0	0	0	0	0	0	0	0	0	0	0
	2	0.11%	11	0	0	0	0	0	0	0	0	0	0	0	0
98005	2	0.11%	9	0	0	0	0	0	0	0	0	0	0	0	0
98008	2	0.11%	11	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98026	2	0.11%	2	0	0	0	0	0	0	0	5	0	0	0	0
98027	2	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.11%	10	0	0	0	0	0	0	0	1	0	0	0	0
98040	2	0.11%	6	0	0	0	0	0	0	0	4	0	0	0	0
98052	2	0.11%	8	0	0	0	0	0	0	0	0	0	0	0	0
98075	2	0.11%	7	0	0	0	0	0	0	0	0	0	0	0	0
98105	2	0.11%	4	0	0	0	0	0	0	0	0	0	0	0	0
98166	2	0.11%	6	0	0	0	0	0	0	3	0	0	0	0	0
98303	2	0.11%	0	0	0	0	0	0	0	0	0	0	9	0	0
98312	2	0.11%	9	0	0	0	0	0	0	0	0	0	0	0	0
98370	2	0.11%	4	0	0	0	0	3	0	0	0	0	4	1	0
98380	2	0.11%	8	0	0	0	0	0	0	0	0	1	0	0	0
98541	2	0.11%	8	0	0	0	0	0	0	0	0	0	0	0	0
98644	2	0.11%	0	4	0	0	0	0	0	0	6	0	0	0	0
59911	1	0.05%	0	0	0	0	0	0	0	0	5	0	0	0	0
90407	1	0.05%	6	0	0	0	0	0	0	0	0	0	0	0	0
92310	1	0.05%	0	0	0	0	0	0	0	0	5	0	0	0	0
93338	1	0.05%	0	5	0	0	0	0	0	0	0	0	0	0	0
95359	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
95813	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
97221	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
97230	1	0.05%	3	0	0	0	0	0	0	0	3	0	0	0	0
97701	1	0.05%	0	0	0	0	0	0	0	0	5	0	0	0	0
98010	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.05%	1	0	0	0	0	0	0	0	4	0	0	0	0
98049	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98051	1	0.05%	4	0	0	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98055	1	0.05%	7	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98079	1	0.05%	0	0	0	0	0	0	0	0	0	0	4	0	0
98101	1	0.05%	4	0	0	0	0	0	0	0	1	0	0	0	0
98106	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.05%	7	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98112	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98117	1	0.05%	3	0	0	0	1	0	0	0	1	2	0	0	0
98119	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.05%	1	2	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.05%	6	0	0	0	0	0	0	0	0	0	0	0	0
98209	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98351	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98382	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98392	1	0.05%	6	0	0	0	0	0	0	0	0	0	0	0	0
98415	1	0.05%	0	0	5	0	0	0	0	0	0	0	0	0	0
98416	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98433	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98447	1	0.05%	7	0	0	0	0	0	0	0	0	0	0	0	0
98464	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98532	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98546	1	0.05%	0	0	0	0	0	0	0	0	0	0	0	0	7
98548	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98563	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98568	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98584	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98588	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98589	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98606	1	0.05%	0	0	0	0	0	0	0	0	5	0	0	0	0
98732	1	0.05%	0	3	0	0	0	0	0	0	0	0	0	0	0
99037	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
99999	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0